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ESE 461

II Semester M.Sc. Degree Examination, September/October 2022
(CBCS)
ENVIRONMENTAL SCIENCE
Basics of Environmental Science (Open Elective)

Time : 3 Hours

Max. Marks : 70

- I. Write short notes on **any four** of the following (**not** exceeding **2** pages **each**). **(4×4=16)**
- 1) a) Temperature.
 - b) Hydrosphere.
 - c) Pressure.
 - d) Global warming.
 - e) Water related issues.
 - f) Gaseous cycles.
- II. Write explanatory notes on **any five** of the following (**not** exceeding **3** pages **each**). **(5×6=30)**
- 2) Marine water.
 - 3) Atmosphere.
 - 4) Artificial rain.
 - 5) Lithosphere.
 - 6) Cycling of heavy metals.
 - 7) Biological properties of water.
 - 8) Sources of water and management.
- III. Answer **any two** of the following (**not** exceeding **8** pages **each**). **(2×12=24)**
- 9) Discuss the influence of temperature and light as abiotic factors in freshwater.
 - 10) Explain the impact of ozone hole and greenhouse effect on environment.
 - 11) Discuss the effect of anthropogenic activities on biogeochemical cycles.
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